

1903

New Mexico

Vernon Bailey  
1903.

U.S. Dept. of Agr.  
Biological Survey

1834 Kalorama Ave.  
Washington, D.C.

May 16

Washington 10 A.M.

Cumberland 2 P.M.

Parkerburg 9 P.M.

May 17

Daylight in Indiana

St. Louis 1:35

Kansas City 9:30 P.M.

" left at 11 P.M.

May 18

Pratt, Kansas 9:45 A.M.

Open plains, good wheat  
+ grass.

Scissor Tail flycatcher,  
one at Pratt.

Yucca glauca, a few. The first  
Erythropis in flower.

Tridacenia

Castilleja yellow, abn.

Geomys hills - abn.

Harvard

Bucklin 11:30

Opuntia common

Plantago "

Molvastrum coccineum

Alium - pink - abn.

*Oxytropis* abn.  
Short grass -  
Yellow Eschscholzia like flowers, abn.  
Tumble weeds, old by fence

Jack rabbit, *melanotis* 1  
*Agropyron* abn., all along  
S. 13 lin. *halimolobos*, abn.  
Group hills

*Sporolys* 1  
*Sturnella* - all along  
*Otocoris* "  
*Zenaidura* "  
*Melanochrys* a few flocks

*Artemisia filifolia*, abn., along  
both sides of the  
Cimarron valley  
Arkellon

Beaver Cr.

Geyman = Festuca

Leyhous, a few little houses & school on  
big, dry prairie.

Dalhousie 7 P.M.

Santa Rosa, 1 P.M. night.

May 19

Santa Rosa -

Sent Surber 30 mi. S.W. to  
Davis Ranch - for back  
Went 8 mi. N. to ranch of  
Mr. Mott to look at horses.

May 20

May 22 East to well +  
to river.

May 23

Out to Mott's place  
Camp

May 24 Sunday

May 25 Mott's Ranch

*Pinus edulis*

*Juniperus*

*Quercus*

*Populus monilifera*, along streams

~~*Fragaria*~~ *repens* " "

*Sabie* " "

*Celtis*

cliffs

*Vitis*

*Rhus trilobata* in gulch

Mesquite on warm slopes

*Opuntia arborescens* abn.

*Opuntia engelmanni* com

" white spines abn.

" *leptocaulis*, on S. slopes

" bigger than *leptocaulis*

*Cereus paucispinus*?

"

*Mammillaria heyderi*?

~~*Sapindus argenteus*~~

~~*Baccharis confertiflora*~~, com. in gulch

*Telia trifoliata* " "

*Negundo acerophyllum*, along Pecos

*Fallugia paradoxa*

*Atriplex canescens*

*Lybium "macrophylla"*

*Nolina*

*Yucca baccata*

" *glauca*

*Minocia humifera*, com.

*Gutierrezia euthamiae*

*Artemisia tridentata* "minor"?

*Morus parvifolia*? in gulch

Santa Rosa New Mexico

May 19 - 23 & 31

*Oxyechus vocifera*, com  
*Actitis macularia* 2 by creek  
*Clypeata spatulata* 1 ♂, May 21  
*Ardea herodias* 2 " "  
*Numenius longirostris*, ~~2~~ <sup>24</sup> 30  
*Cathartes*, com  
*Zenaidura* "  
*Buteo swainsoni* 3 E  
" *calurus* 1  
*Falco sparverius* a few  
*Zonotrichia leucophrys*, com.  
*Pipilo maculatus* "  
*Falco mexicanus* out of Motts  
nest on cliff.  
*Bubo pallens* nesting  
*Chordeiles*  
*Arremonops melanotos* 2  
*Tyrannus vociferans* ? com  
"  
*Sayornis saya*  
3 nests, on cliff & in well  
*Sayornis phoebe* & nest  
*Contopus richardsoni*, com  
*Empidonax* "  
*Otocoris occidentalis*, breeding  
*Aphelocoma* a few  
*Cyanocapalus*  
*Corvus sinuatus*, a pair & nest

*Molothrus ater*  
*Xanthocephalus* 2, May 19.  
in town.

*Cyanocap*  
*Stelgidopteryx*, 1, May 20.  
*Sturnella neglecta*, com.  
at Santa Rosa.  
*Arremonops* a few.  
*Pipilo maculatus* com  
*Chordeiles* "  
*Carpodacus frontalis* "  
*Peucaea cassinii* reported by  
scurber south of town.  
*Actinagallus* 2  
*Passerina amoena* 1 reported  
by scurber.  
*Habia melanophthalma*, 1 ♂ May 22  
*Amphispiza bilineata*, a few.  
*Dendroica auduboni*, a few.  
*Geothlypis tolmiei* com.  
" *trichas* or. a few.  
*Wilsonia pilolata* com.  
up to May 28.  
*Virens poliopterus*, com  
*Salpinctes* com. breeding  
4 nests -  
*Catherpes* 1  
*Otocoris* com.  
*Psittiparus plumbeus* com.  
feeding young.

*Sturnella arizonae* 1  
*Icterus parisorum* a few  
*Junco* a few

*Hylocichla* a few  
*Zonotrichia albicollis* a few  
*Thryomanes bewickii* a few

*Vireo*  
*Tamias eximius*, several  
*Toxostoma thalassidromum*, com.  
*Petrochelidon* - nests, abn.  
*Hirundo* - nests, com.  
*Passer domesticus* in town  
*Phalaenoptilus nuttallii* heard

*Dryobates v. bairdi*, breeding  
*Agelaius phoeniceus* June 2, com.  
*Riparia riparia* " com.  
*Aythya collaris* " 2  
*Ereunetes pinnatus* " 1 ♀  
*Anas diaconus* " 12  
*Chrysotis alpestris* " 50  
*Fulica americana* " 2  
*Podilymbus podiceps* " 1

Santa Rosa, 4620  
 Camp 4750

June 9.  
 Camp 9, A.M.

Lunch, 8 mi. 5000  
 Top of ridge 5100  
 Cuervo 5000  
 Camp near Cuervo "  
 Came 20 miles.

June 10  
 Rained, staid around camp  
 June 11 " " "  
 Sent Surber to town

Golden eagles, nest + birds.  
 Bones under nest of  
 Jack rabbit,  
 Cottontail  
 Prairie dog  
 Cratogeomys  
 nest photographed with p.k.

June 14 moved camp to  
 Point of Plains.  
 June 15.  
 Up Canyon + basin.

June 16, up on top of Plains

June 17 Back on plains  
Top of Plains plants

*Opuntia arborescens* abn.  
*Yucca glauca* com.  
*Opuntia arenaria?* abn.  
*Gutierrezia uttamiae* abn.  
*Petalostemon violaceus*  
*Polygala alba?*  
*Suaeda frutescens*  
*Astragalus caryocarpus* a few  
*Oenothera hartwegii* yellow, com.  
*Pentstemon jamesii* big "  
*Stipa* small, 2 sp.  
*Gramma*  
*Horodeum*  
+ many other grasses.  
*Artemisia*

"  
*Gaura parviflora*  
*Asclepias jamesii?* big  
*Asclepias drummers*, narrow leaf.  
*Malvastrum coccineum*  
*Solanum spissum*  
*Verbena*

Campers + Gulch + rock plants.

*Pinus edulis*

*Juniperus*

*Quercus*

*Rhus tinctoria*

*Prunus chinkapin*

*Alnus*

a few

*Amelanchier*

"

*Yucca baccata*

abn.

" *glauca*,

"

*Cercocarpus parvifolius*, abn.

*Nolina*

*Castilleja*

*Amorpha*

glabrous abn.

Bottom of valley plants.  
*Prosopis juliflora* abn.  
*Rhus microphylla* "  
~~Bumelia~~ *Sapindus emarginatus* -  
*Atriplex canescens*  
*Eurotia*  
*Opuntia engelmanni cyclodes*  
 " *leptocaulis*  
 " *kleinii*  
*Lycium pallidum?*  
*Sala formosa*  
~~Acacia~~  
*Nimosa humifera*  
*Krameria cernuiflora* com  
*Mentzelia* a few  
*Euphorbia*  
*Cucurbita*

June 18

Arrived at Tucumanari 4150  
 Camp 4750

June 19. River

Camp 4800  
 Top of Point of Plains 5900

June 20 Broke camp 8:30 AM

Arrived at Camp 4750  
 On ridge 5200  
 Camp 4800  
 Came about 25 miles

June 21 Camp 8 AM 4800  
 Sapindus Camp 9 AM 4700  
 about 4 miles

June 22 Camp 8 am. 4500  
Carnegie R. Canyon

*Populus monilifera*  
*Sapindus*  
*Prosopis*  
*Rhus trilobata*  
*Rhus microphylla*  
*Quercus* scrub live oak,  
*Juniperus*  
*Pinus edulis*  
*Ptilia triphlora*  
*Prunus*  
*Lyssim. pallidum*  
*Opuntia arborescens*, in flower  
*Opuntia engelmannii* var  
*Opuntia arborescens?*  
*Yucca glauca*  
*Salvia purpurea*  
Negundo, along river

June 23 Camp, 10 AM 4800

Lopaville 4 mi.  
up Little Lugo Cr.

Camp on plains 5600  
Cattle about 20 miles.

June 24. 8 am 5500  
Cobra Spr. 4 mi. 5500  
Camp 6000

June 25. Camp 5700

Aimokhila 6500  
Mesquite S.W. up to 6500  
Pinus ponderosa 7000-  
Lft bones 7000  
Top of ridge 7300  
Plains 7400  
Feather back about 7500  
Artemisia frigida on top 7400  
Psoralea " "  
Quercus  
Cercocarpus parvifolia 6500 = 7400  
Juniperus  
Pinus edulis  
Rhus aromatica  
Yucca baccata at 6500-7300  
" glauca 7400

*Aimophila* 580a a few 6500  
*Hirundo* 432 1 7300  
*Dendroica gracia* 664 com 7000-7400  
*Vireo plumbeus* 6296 com 7400  
*Pipilo arcticus* 588 com "  
*Oreospiza* ? 592.1 "  
*Colaptes* 413 heard 7400  
*Melanerpes torquatus* 408 1 7400  
*Spizella arizonae* 560 com "  
*Cyanocitta* 478 com "  
*Parus hepatica* 609 "  
*Sitta aculeata* 727 "  
" 730 "  
" pygmaea com. 5016 "  
*Sturnella neglecta* com "  
*Dryobates* 393 7300  
*Myiarchus cinerascens* 454 7400  
*Zyanus vociferans* 448 "  
*Psaltropsternus plumbeus* 744 "  
*Chondestes* 552 "  
*Sialia* 715 com. + yg. "  
*Icterus bullocki* 508 7000  
*Catherpes aura* 325 7400  
*Foies sparverius* 360 7300

*Lepus pinetis* 7400  
*Eutamias* com 650-7400  
*Odocoileus* tracks "  
*Spermophilus grammurus* 1 "

back to horses 7100  
base of slope 6000  
back to camp "

*Nolina* to 7400  
*Opuntia arborescens* S.W. to 7300  
" white spined " 7400  
" cyclocha? S.W. " 7000  
*Cereus* 7000-7300

June 26

Back to near Capra Spr.  
Cottonwood Camp.

Suber went to Santa Rosa  
June 27. Suber. returns

June 28.

Capra Spring  
camp near Gallinas Spr.

June 29

Gallinas Spring

Acacia

Antone Chico

Camp 5 miles beyond.

June 30

La Questa room.

up Pecos River

Rosa

Negundo

Vitis

Salix

Populus monstrosa

Prunus - choke-cherry,

Nettle

Pinus edulis

Juniperus

Quercus

"

Rhus aromatica

Nolina

Yucca glauca

Pinus ponderosa, a few  
3 mi. S of La Questa.

Ribera

Populus nigristylis

July 3.

Camp 4 a.m.

Fulton

Pseudotsuga in shape

Pinus ponderosa

Pinus edulis

Juniperus flaccida? com

" monosperma - large

Pajarito

Rowe

Camp 3 mi. beyond Rowe

July 4

Camp

*Perognathus*

*Perodipus*

*Thomomys*

*Cynomys* *pennsylvanicus*

*leucurus*

*Peromyscus*

*Lepus*

*Gelis* *agrigata*

*Castilleja*

*P. f. l.*

*Populus* *angustifolia*

*Quercus* - *lobata* - *ad.*

" *granata* - *com.*

*Juniperus* *monosperma* - *com.*

" *horizontalis* - *com.*

*Peromyscus* *gambelii* - *com.*

" *sonoriensis* - *com.*

*Pseudotsuga*

*Glossy* *tree* 8150

*Caryocarpus* 5000

*Carya* 10000

July 5 Camp, 8. 7500

Top of hill

8200

Highest ridge

8100

Santa Fe

7500

July 6 Santa Fe all day

July 7

Santa Fe

7700

Glenora

(8130)

Property of - (7428)

2 mi. E of Glenora

Camp arrived at 7100

### Santa Fe Mammals

*Eutamias*

*Spermophilus grammurus*

*Peromyscus texensis*? 1.

*Peromyscus truei* 2 at Canoncito.

*Neotoma micropus*

" ?

*Onychomys pallidus* 1

*Dipodomys spectabilis*, com.

*Perodipus montanus* 1. com.

*Perognathus* *sp.* 1.

*Lepus arizonae* 1

*Lepus texensis* 1

*Canis latrans* com.

# Glorieta Mammals

*Eutamias* com.  
*Spermophilus grammurus* "  
*Peromyscus gambeli* "  
 " *truei*? a few.  
*Microtus musculus* in wagon  
*Thomomys fallax*? com -  
 " *fuscus*, said to be here.  
*Perognathus* p. nov. 2.  
*Lepus arizonae*? 1 seen.  
*Canis latrans*, heard, 1 dead  
*Mephitis* tracks seen.  
*Badger* " "  
*Thomomys* abn.  
*Vesperugo fuscus* com.

# Glorieta NM, July 7-11

*Pinus ponderosa*  
*Pinus edulis* - on S. slopes  
*Pseudotsuga* on N slopes 7400 -  
*Juniperus monosperma* S 7500  
 " *flaccida* S "  
*Quercus gambeli*  
 " live oak scrub.  
*Populus angustifolia*  
*Salix*  
*Ribes*  
*Rosa*  
*Rhus trilobata*  
*Ceanothus* a few  
*Berberis*? along creek  
*Rigellaria canescens*  
 " *albicaulis*  
*Artemisia ludoviciana*  
 " *frigida*  
*Gutierrezia*  
*Aster*  
*Lupinus*  
*Astragalus*  
*Pentstemon* scarlet  
 " blue  
 " whitish  
*Geranium*  
*Monarda*  
*Monardella*  
*Achillea*  
*Fragaria*

Phlox

malvaceae

Phlox

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malacotrichum

Spiraea

Prunella laevis, a few

other trees



Picea - April 1st - July 1st

Juniperus communis

Pinus strobus

Pinus edulis

Pinus strobus

Pseudotsuga

Salix nigra

Salix alba

Salix nigra

Nerandus

Cercocarpus

Cercocarpus

Cercocarpus

Cercocarpus

Cercocarpus

Cercocarpus

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Cercocarpus

Cercocarpus

*Acridothera* up 2 mi.  
*Tringa* glaucus 12  
*Actitis* 10  
*Larus* 10  
*Colinus* 10

July 12 Sunday  
 Moved camp 3 miles up  
 to 14 mi. below Willis  
 my island at mouth of  
 Christina River.

July 13 up to Willis &  
 back to camp

July 15 up to same point  
 gathering *Actitis* 9  
 up to 14 mi. below Willis  
 back to camp

July 16 down to 10 mi. below  
 gathering *Actitis* 10  
 back to camp

July 17 down to 10 mi. below  
 gathering *Actitis* 10  
 back to camp

Bridge, in the D. Altos Co.  
Lower edge of  
Picea  
Abies

July 17 & 18, Rivera Camp,

*Pinus ponderosa*  
*Pseudotsuga*  
*Picea parryana*  
*Abies lasiocarpa*, red cones  
" *concolor* green cones  
*Juniperus procumbens*  
*Populus angustifolia*  
" *trichocarpa*  
" *tremuloides*  
*Quercus gambeli*  
*Salix cordata*  
*Alnus incana*  
*Acer glabrum*  
*Shepherdia canadensis*  
*Arctostaphylos uva-ursa*  
*Symphoricarpos*  
*Spiraea dumosa*  
*Physocarpus Echinifolius*  
*Rosa*  
*Ribes d. irriguum*  
" *monocarpum*? "virid"  
*Cornus asperifolia*  
*Potentilla fruticosa*  
*Rubus nutkanus*  
*Rubus strigosus*, red raphanum  
*Lonicera involucrata*

*Fragaria speciosa* - 10000  
*Castaleia*  
*Abocynum*  
*Gilia agrigata longiflora*  
*Helenium Wyllha!*  
*Companula uniflora*  
"  
*Geranium*  
"  
*Myrtensia*  
*Myasotis*  
"Margurite"  
*Pentstemon bridgei* (erect)  
*Achillea millefolium*  
*Fragaria glauca*  
" *vesca*  
*Sisyrinchium amercanum*  
*Thermopsis montana*  
*Pachystima myrsinites*  
*Sidalcea*? white  
*Cereus* on rocks  
*Yucca baccata*, a few on cliffs.  
*Berberis ripens*  
*Berberis fendleri* "spatulata"  
*Ceanothus fendleri*  
*Stipa robusta*  
*Cnicus undulatus*

July 31 up Baldy

Camp 11000 4:30 AM

Drier meadow 11500

Lake 11600

Ridge 12000

*Artemisia borealis*

*Geranium rossii*

*Potentilla gracilis*

*Primula parryi*?

" *angustifolia* small

*Salix reticulata*

Lunch 12500

Pine Baldy - top 12600

*Gymnophytum*

*Artemisia nardifolia*

*Geranium rossii*

*Orthocarpus*

*Halenium*

*Draba alpina*

*Carex*

*Artemisia borealis*

*Sibbaldia procumbens*

*Sedum douglasii*; red.

*Silene acaulis*

*Saxifraga bronchialis*

*Sedum douglasii*

*Rumex*

*Catalpa <sup>sibirica</sup> ~~argentea~~*

*Pentstemon gracilis*

*Potentilla glabra*?

*Sedum* (red)

9

*Picea engelmannii* (extreme) 12500

*Juniperus <sup>alpina</sup> ~~procumbens~~* "

*Vaccinium microphyllum* "

*Potentilla fruticosa* "

*Antennaria alpina* "

*Agrostis filiformis* "

*Huechera* "

*Pinus <sup>balfouriana</sup>* 12400

*Solidago* "

*Achillea alpina*?

*Stellaria* "

*Eutamias*, 1st lot, "

Up to east peak of Baldy 12600

More snow, same plants. "

*Silene acaulis* "

*Ochotona* (killed, com) "

*Arctomys signatus* com, "

*Picea engelmannii* S.W. 12500

*Juniperus <sup>communis</sup> ~~procumbens~~ alpina* "

*Aquilegia canadensis* S.W. 12400

*Allium* "

*Thymus alpinus*? 12300

*Veronica alpina* "

*Conium maculatum* "

*Cardamine* "

*Orthocarpus* (lousewort) 12000

*Pedicularis parryi*

*Zygadenus elegans*? 12400  
*Erigeron* "  
*Ribes oxycanthoides* "  
*Simlex* "  
*Abies lasiocarpa* "  
*Abies concolor* "  
 Humus

Ridge above lake 12200  
*Delphinium occidentale* "  
*Castalia* <sup>red</sup> "  
~~*W. p. thea*~~ *plexicaulis*, big "  
*Veratrum* ~~*capitatum*~~ *tennispetalum* "  
*Polygonum bistortum* "  
*Pedicularis groenlandicus* "  
 Junco "

*Trifolium gymnocarpon*? red "  
*Salix alpina*? "  
 Horser "

12000  
*Polomonitum humile*, small "  
*Primula parryi* "  
 " *angustifolia* small "  
 Lake 11600

11900  
 Deer meadow 11400  
 Camp 11200

Aug. 3 Camp 9:30, 11000.  
*Pinus* <sup>*aristata*</sup> *fouriana* 10700 - 10800  
 on Royal Mountain

Corral 10500  
*Pseudotsuga* S.W. apex - 10400  
*Salix cordata* " " - "  
*Symphoricarpos* " com - 10300  
*Rubus nutkanus* " - "  
*Rosa* " "  
*Physalis* " "  
*Pachystima* " "  
*Arctostaphylos* " "  
*Epilobium spicatum* " "  
*Abies concolor* " "  
*Pinus* ~~*flexilis*~~ *hillebrandii* " 1 "  
*Spiraea* " "  
*Physocarpus* " "  
*Pinus ponderosa* " apex 1. "  
*Berberis pinnatifida* " "  
*Ribes irriguum*? " "  
*Rubus* *red* 1. "  
 " " "

Aug. 4

Surber down to Willis

Huffs Cabin 8500

Tail leaves Peas 8750

Top of mesa 10200

Camp 11000

Aug. 7. Up to Lake

Hydroentia Camp 11000

Camp by Lake 11600

Lagomys bay Aug. 9.

*Oniscus ascepioides*

*Lophium occidentale*

*Delphinium multiflorum*

*Aster ? purpureus*

*Eriogonum*

*Asquithia cerulea*

*Pentstemon gracilis*

*Veratrum californicum*

*Potentilla fruticosa*

*Geranium*

Grass 9 species

*Polygonum bistorta*

*Eichleria*

Camp

*Hieracium*

*Potentilla blanda*

*Malva*

*Myrica* like *apophysalis*

Another stack on N slope

largely clover & grass

Grass 2 new species & some of others

*Caltha leptocarpa*

*Saxifraga*

*Geum rossii*

*Gymnophytum*

*Silene acaulis*

Another stack

*Oxaria dygma*

*Oxaria dygma*

12000 ft.

Plant Catalogue - 1903

79.

505. *Mammalaria* *hyssopifolia*

Santa Rosa, N.Mex. May 19,

506. *Cereus* *paucispinus*?

Santa Rosa - May 19

507. *Dalea* *spicosa*?

Santa Rosa, May 19

508. *Juniperus* *monosperma*

Ribera, N.M. July 2.

509. *Juniperus* *flavescens*

Ribera, N.M. July 2.

510. *Juniperus* *procumbens*

Fulton, N.M. July 3.

511. *Franseria* *canescens*

Pajarita Valley, N.M. June 17

512. *Artemisia* *tridentata*

Highest point of Llano Estanco  
N.M. June 17,

513. *Artemisia* *tridentata*

514. *Gutierrezia* *serotina*

515. *Erigeron*?

516. *Aster* *puberulus*

517. *Gnaphalium*

518. *Oenothera*

519. *Gaurea*

520. *Pentstemon*

521. *Malvastrum* *occidentale*

522. *Verbena*

523. *Teucrium*

524. *Astragalus*

525. *Dalea*

526. *Dalea*

526. *Asplenium septentrionale*  
Point of Las Estrellas, N.M.  
June 17, 1903

527. *Asplenium septentrionale*  
Same place as last

528. Las Vegas, N.M.

Aug. 31

528 - 531

530. *Gaura*

529. *Verbena*

531. *Teucrium occidentale* - labiate

528. *Talinum occidentale* - labiate

532. *Lepachys* ? *occidentale*

Burn L, N.M. Aug. 27

533. *Quercus* *crenata*

534. *Quercus* *virginica* *occidentalis*

535. *Plantago* *grapholoba*

536. *Verbena*

537. *Lithospermum*

538. *Castilleja* *occidentalis*

539. *Phlox*

540. *Malvastrum*

1. *Artemisia* *trifida*

2. *Artemisia* *trifida*

3. *Crassina* *grandiflora*

4. *Chrysopsis*

5. *Gutierrezia euthamiae*

6. *Liatris*

7

Pecos River, N.M.

Aug. 23. 7500 ft.

547. *Berberis*

8. *Berberis*

9. *Berberis*

550. *Solidago*

1. *Solidago*

Pecos R., N.M. July 17. 8000 ft.

552. *Sidalcea*

3. *Aconitum*

4. *Rosa*

5. *Rosa*

6. *Rosa*

7. *Companula*

Aug. 19

559. *Castilleja*

560. *Patentilla*

1. *Patentilla*

2. "

Pecos Baldy, N.M., 11000 ft.

July 29 + 30

563. *Senecio*

4. *Wyethia*

5. *Helianthella*

6. *Erigeron*  
*Solidago*

7. *Erigeron*

8. *Solidago*

9. *Valerian*

570. *Allium*

1. *Patentilla*

2. *Geranium*

3. *Calliophorus*

4. *Pseudocymopterus montanus*

5. *Myrtensia* tall

6. *Castalia*

7. *Castalia*

8. *Hutchera*?

9. *Vicia*

580. *Pedicularis racemosa*

2. *Monarda uniflora*

1. *Viola*

3. *Aconitum*

4. *Achillea millefolium*?

Pecos Baldy, N.M. 11600 ft.

Aug. 8 - 14,

585. *Schwertia*

6. *Pentstemon*

7. *Pedicularis groenlandicus*

8. "

9. *Polemonium*

590.

1.

2. *Gentiana frigida*

3. *Gentiana*

4. *Gentiana*

5. *Draba*

6. *Delphinium*

7. *Aquilegia canadensis*

8. *Saxifraga*

9. *Companula*

600. *Veronica*

1. "

2.

3. *Polemonium*

4. "

5. *Pedicularis racemosa*

6. "

7. *Trifolium gymnocarpon*, big red.

8. *Castalia*

9. "

610. *Orthocarpus*

611. *Saxifraga*

612. *Ligusticum*

yellow

red

yellow

pink

white.

Aug. 10 Camp 8 am. 11600

Saddle 12000

Basin 11200

Populus tremuloides 11200

Salix cordata 11200

11000

Corral & old Cabin

Thermopsis montana 10700

Rubus nutkanus "

Pseudotsuga "

Pachystima, a little, "

Pinus flexilis 1 little tree 10600

Acer glabrum "

Antennaria pulcherrima (transm.) "

Holo

Spiraea 2 sp. "

Mouth of Baldy Canyon 10400

Abies concolor Sw. 9700

Arctostaphylos uva-ursi 10200

Sidalcea white "

Epilobium spretum "

Saxifraga alpina O.E. on rocks 10000

Alnus incana "

Gilia aggregata 9700

Mouth of creek from Trenches "

Cabin at fork of Cr. "

Junonia purpurea "

Pinus ponderosa Sw. 9400

Berberis repens "

Rosa "

Amelanchier alnifolia "

613. Rhododola polygama

614. Clementsia rhodantha

Pecos Baldy, N.M. 12000 ft

Aug. 14, 1903.

615. Orthocarpus pink

6. Oxytropis

7. Saxifraga

8. Trifolium nanum little

Pecos Baldy, top - 12600 ft

July 31

619. Rhododola integrifolia

620. Sedum stenopetalum

1. Saxifraga

2. Saxifraga

3. Saxifraga bronchialis

4. Saxifraga

5. Saxifraga

5. 6. Potentilla

7. Acaenaria

8. "

9. Silene acaulis

630. Sibelelia procumbens

1. Ligusticum eastwoodi Rose.

2. Polygonum bistorta viviparum

3.

4.

5. Solidago

6. Aster

7. Antennaria

8. "

9. Draba

640. Orthocarpus pink

Top of Truchas Peak, N.M.

Aug. 11, 1903.

13306 ft

641.

2.

3. *Myasotis alpestris*

4. *Primula angustifolia*

5. *Clatonia megarriza*

6. *Ranunculus macandrewi*

7. *Saxifraga chrysanthus*

8. *Psoralea pulvinata*

9.

650. *Draba*

Moreno Valley, N.M. 8500 ft

Spt. 19, 1903.

651. *Tetradymia*

2.

3.

4.

5.

6.

7. *Eurotia lanata*.

Pecos Baldy, N.M. 12600 ft

July 31.

658. *Salix reticulata*

Same - 11600 ft Aug. 14.

659. *Salix*

660. *Salix*

Same - 11000 ft July 29

661. *Salix*

Pecos River N.M.

Aug. 9, 1903.

662. *Salix*

663. *Ribes cereum*

Glorieta, N.M. July 9, 7200 ft

664. *Ribes cereum*

Zaos, N.M. Spt. 25, 7700 ft.

665. *Ribes cereum*

Coyote Creek, N.M. Spt. 8,  
8000 ft.

666. *Ribes leptanthum* - black

Hondo Canyon near Zaos, N.M.

Spt. 25, 7800 ft

667. Coyote Creek, N.M. 8000 ft

*Ribes leptanthum* -

Spt. 8, 1903

668. *Ribes coloradense* Coville

Whites Peak, Taos Mts, N.M.

Spt. 25, 1903. 11300 ft

669. *Ribes woffii*

Whites Peak, Taos Mts, N.M.

Spt. 25, 1903, 11000 ft

670. *Ribes woffii*

Pecos Baldy, N.M.

July 29, 11000 ft

671. *Ribes lentum*

Pecos Baldy, 12000 ft

July 31, 1903.

672. *Ribes lentum*

Whites Peak, Taos Mts. 11300 ft

Spt. 25, 1903

Sent to Mr. Shaw Jan. 1904

673. Pinus edulis? Rock Springs Tex.  
with 2 slender leaves July 14, 1902
674. Pinus edulis? Davis Mts. Tex. July 14  
2 slender leaves 1901
675. Pinus edulis? Davis Mts. July 1901
676. Pinus edulis Capitan Mts.  
leaves 2, short & stout -
677. Pinus edulis Guadalupe Mts.  
Sept. 27, 1901.
678. Pinus flexilis Chisos Mts.  
1900.
679. Pinus flexilis, Sierra Blanca  
10000 ft. New Mex. 1902
680. Pinus flexilis head of Pecos;  
Aug. 22, 1903
681. Pinus b. aristata,  
Pecos Baldy, N.M. Aug. 3, 1903  
10200 ft.
682. Pinus tedea Houston, Tex.  
June 23, 1902.
683. Pinus edulis Houston, Tex.  
June 23, 1902.

- Physocarpus 9700
- Arctostaphylos, com 9300
- Prunus virginiana "
- Quercus gambeli "
- Rhus glabra, scrub "
- Oenothera biennis?
- Shepherdia canadensis "
- Ceanothus fulteri "
- Clematis "
- Populus trem - S.W. 9700 -
- Pinus flexilis " " - 10600
- Pinus ponderosa " " -
- Pteris " - 9700

685. Gentiana

Black Lake, N.M. 8400 ft. Sept. 10.

686. Gentiana

Zaos Mts. E. slope at 8900 ft. Sept. 19.

687. Gentiana

E. slope Zaos Mts. 8900 ft. Sept. 19.

Aug. 11, Camp 11600  
 Saddle 12000  
 Left horses 10:30 12300  
 Trubas Peak 12. 13000

Plants on top

Orthocarpus pink  
 Castilleja yellow  
 Myasotis alpestris  
 Silene acaulis  
 Geranium russii  
 Sibaldia procumbens  
 Artemisia borealis  
 Draba alpina  
 Saxifraga ~~alpina~~ bronchialis  
 Saxifraga ~~alpina~~ chrysantha  
 Arminaria alpina nardifolia  
 Stelleria  
 Adiantum hookeri?  
 Heuchera  
 Gentiana (white) frigida  
 Carex  
 Luzula  
 Sedum red  
 Anemone  
 Primula? (little blue) angustifolia  
 100 feet below summit  
 Orthocarpus - yellow  
 Erigeron? yellow  
 Myosotis  
 Oxyria digyna  
 Potentilla fruticosa

Grass - 3 sp.

Lurch 12600  
 Elymus thickskin S.E. 4  
 Picea engelmanni "  
 Juniperus communis <sup>alpina</sup> "  
 Polygonum "  
 Cirsium cuneatum "  
 Myadestes "  
 Anthus 13306  
 Falco sparverius "  
 Arctomys "  
 Ochotona "  
 Thomomys "  
 Aquilegia blue 12400  
 Crataegus ~~oxy~~ "  
 Pentstemon gracilis "  
 Red timberline S.W. 12300  
 Pinus balfouriana cristata "  
 Picea engelmanni "  
 Vaccinium microphyllum "

Trubas Peak, Surber. Aug. 12  
 Claytonia virginica  
 Ranunculus maculatus

Top of Baldy, Aug. 13.

~~Caltha leptosepala~~

*Salix reticulata*

*Gentiana frigida*

*Polygonum viviparum*

*Potentilla fruticosa*

*Orostachys* - lousewort.

*Picea*. 1 little one 10 feet top.

Aug. 17 Left upper camp 9 AM

Camp at lake

11600

*Senecio* - brown

"

*Arctostaphylos*

11400

*Geranium*

"

*Delphinium*

"

*Artemisia*

"

"

"

*Compositae* of park

"

*Physalis*

11200

*Yucca*

"

*Cypripedium*

"

*Potentilla*

11000

*Geranium*

11000

*Fraxinus*

"

*Paulownia*

"

*Gleditsia*

"

*Rubus*

"

*Quercus*

E.

11000

*Pinus*

"

*Juniperus*

"

*Ulmus*

11000

*Alnus*

"

Foot of side

11000

*Castanea*

"

*Hamamelis*

"

*Liquidambar*

"

*Corylus*

11000

Foot of trees

11000

Aug. 18, worked on plants.

Aug. 19 Camp 1 PM 8000  
Soclewillers 8400  
top of ridge 9000  
Top of canyon 9200  
Camp near 8400  
Otero's

Aug. 20, wrote reports.

Aug. 21, down river.  
Camp 8000  
Hamiltons 8000  
Fields 7800  
Camp above El Macho 7400

Aug. 24, Camp 7400

El Macho "  
Dalton Creek 7300

Pleas 6900  
Camp 6800  
El Macho 7300

Verbena bracteosa "  
Malvastrum minus 4  
Bigelovia albicaulis "  
Cleome "  
Juniperus monosperma "  
" flaccida "  
Pinus edulis "  
Quercus vir. minor "  
Salix nigra "  
Phlox "  
Cone flower "  
Fallugia paradoxa "  
Opuntia engelmanni (red) "  
Dalton Cr. 7000

Cucurbita missouriensis "  
Rhus aromatica  
Ampelopsis

Aug. 26 Camp Sam 6800

Rowe

*Clome integrifolia*

*Gutierrezia euthamiae*

Fulton

6500

*Opuntia arborescens*, com.

*Lycium pallidum*

*Cnicus nodulatus*?

*Eurotia lanata* 1

*Solanum*

- blue

yellow

*Gaillardia*

*Gutierrezia macroflora*?

*Sala*

*Yucca* 2

Camp near Rivera

6100

*Mammillaria* 3 sp.

Aug. 27, Camp

6050

Rivera

6000

*Eriogonum*

*Asclepias* big

Summit of ridge

6300

Camp above Bernal

6350

Top of mesa

7000

*Eutawia*

*S. graminum*

*Lupinus pinetis*

*Pinus ponderosa*

*Quercus v. imbr.*

"

larger bay " 7400

Aug. 28 Camp 8.

6200

Tecotote

Las Vegas

Camp at Harris' & Gray ranch.

*Gutierrezia euthamiae*  
(big flowered?)

*Verbena*

*Hibiscus* minus

*Aster multiflorus*

*Gaillardia* blue

*Corethroscloa* 3 sp.

*Grindelia rotundifolia*

*Cnicus nodulatus*?

*Verbena*

*Melastomum coccineum*

" *menziesii*?

*Solanum* *spanosum*

" blue

*Xanthium*

" *spanosum* red.

*Sporobolus*

*Stipa robusta*?

*Gramma*

*Blumea*

*Buckhorn*?

*Festuca*?

*Oenothera fringed*

" *filifolia*?

*Opuntia missouriensis*?

*Mammillaria*

*Yucca glauca*.

Phlox  
 Gaura  
 Astragalus  
 Oxytropis  
 Erigeron  
 Chamaenerion  
 Ambrosia

Sept. 1 Las Vegas 1 P.M.

Camp 21.10 mi.

Petalostemon vidua?  
 " pubescens?  
 Psoralea argophylla?  
 Salvia, little yellow

Coon tracks by slough

Badger " " "

Skunk " " "

Eutamias

S. grammurus

Lepus

Onychomys 2

Peromyscus gambeli? 2 on prairie  
bairdi? 1 " "

S. 13lineatus 1

Sept. 2 - Camp -

Pinus ponderosa com -

Pseudotsuga a few

Pinus edulis com

Juniperus monosperma com

" flaccida - a few

Quercus imbricaria

" dwarf sumachs

" gambeli in gulch

Populus tremuloides "

Abies concolor "

Pseudotsuga abu. "

Ribes monianum "

Holodiscus "

Spiraea bush - 2 sp. "

Physocarpus torreyi? "

Amelopsis "

Rubus strigosus "

Populus angustifolia in gulch below

Myrica "

Rubus? sp. in gulch

Hop - "

Symphoricarpos aspidotrichus "

Rhus toxicaria "

Peromyscus, Tharomys, S. 13lineatus

S. grammurus, Lepus pinetis,

Sept. 3, Sapello

Camp 10 mi. S. of Mora -

Sept. 4. Willer back to Las Vegas

Sept 3

Camp

Rosario = Rincon

Perasco Blanco

Carmes

Mora

7200

La Cueva + 2 mi. beyond.

Camp by pond

Sept 4, Sunday.

Camp + up Coyote Cr. 7150

Coyote

"

Turqui + half a mile beyond

Camp

7600

Pinus ponderosa

Pseudotsuga N.E.

Abies concolor "

Quercus gambeli

" prinoides?

Psoralea

Petalostemon 3

Hop

Rosa blanda? in flower

Quercus J. n. ? S.W. 7700

" " " " "

Pinus edulis a few " "

Juniperus 2 sp. " "

Grindelia 7600

Rhus arvensis "

Helianthus annuus "

Sept. 7. Camp

7600

Guadalupe

7650

East of upper Sonoran S.W. 7700

P. ponderosa 7500 SW-

Pseudotsuga 7500 NE-

Abies " " -

Populus tremuloides 7800 NE-

Quercus gambeli 7500 SW-7700

" prinoides? 7650

Alnus on creek 7700 -

Saw Mills 7900

Populus angustifolia on creek 7800

Picea pungens " NE

Camp, 3 mi. above Mills, 8000

Picea pungens

Ribes d. irriguum 8000

" monica " "

" cereum " "

Salix cordata

" 7700

Shepherdia canadensis 8000-9000

Apocynum androsaemifolium " - 9000

Symphoricarpos orophylos 7500-9000

Spiraea

"

Physocarpus 8000-

Rosa 7500 7700

" " "

Potentilla fruticosa 8000 NE

"

Rubus idaeus 8000-

*Rubus strigosus* 7500 - 7600  
*Fragaria speciosa* 7800 - 7900  
*Castilleja* <sup>leaving</sup> 8000 - 8100  
*Marguerite* 7800 - 8700  
*Schelago* 8000 - 9100  
*Gilia aggregata* 7500 - 8500  
*Pentstemon bridgesii* "  
*Companula* <sup>plumifera</sup> *niflora*? 8000 -  
 " *blue* 7500 - "  
*Achillea millefolium* "  
*Fragaria glauca* 8000 "  
 " *vesca* "  
*Eriogonum uncinatum* "  
*Cereus* (red) on rocks  
*Yucca baccata*, a few on rocks  
*Rhus* *sp.* 8000 - 8100  
 " *spatulata* "  
*Ceanothus fendleri* 8000 - 9000  
*Etiopis robusta*  
*Grass* 8700 -  
*Corylus undulata*? 7 - 7700  
 " *white leaf* 7700 - 9000  
*Cornus asperifolia* 9000  
*Prunus virginiana* 9200  
*Pinus flexilis* 1 small tree, 8000 - 9000  
*Sidalcea* 8000 - 8700  
*Vetch* 8000 -  
*"Helianthella laciniata"*  
*Aster* *big purple* 7500 - 8100

Sept. 9. Camp 12 7300

Mesa Top 8500  
 Blackhawk Camp 8400

*Lepus pinetis*, 1 seen  
*Cynomys guineensis*, numerous  
*Procyon*, tracks in canyon  
*Taxidea*, obs. 1 seen, holes shown  
*Canis latrans*, heard  
*S. latralis*, com. 1  
*Eutamias* com  
*Sciurus harrisi* com  
*Peromyscus leucopus*, 3 caught  
*Microtus agrestis*? 1. com.  
*Onychomys* tracks in canyon  
 No *Thomomys*.

Sept. 10 Camp 8400  
 Martinez  
 Top of ridge 8700  
 (Camp 6 mi. 8700)

East end of Marino Valley  
*Pachystima* 8700 <sup>N.E.</sup> -  
*Wyethia* like *amphicarpa*? 8700 NE -  
*Veratrum* (a few) (8200 NE.) 8700 NE -  
*Guthriea cuneata*, in meadow, 8400  
*Aconitum* 8700 NE -  
*Sambucus* " " -  
*Antennaria dioica*, <sup>fairy rings</sup> "  
 " "  
*Acer glabrum* 9

Sept. 12, Camp 8700  
Down Morino Valley  
Taos Pass Camp 8700

Sept. 13, Sunday -  
Embarkment to Taos

Sept. 14,  
Linnaea borealis, N.E. 8700 -  
Vaccinium microphyllum 9000 -  
Amelanchier  
Cercocarpus S.W. at 9000.  
Picea engelmannii

Sept. 15 Down Valley to near  
Elizabethtown 8700

Camp 8800

Sept. 17 Camp 8800  
Up slope of Taos Mts  
Edge of submont timber 11000  
Picea engelmannii 11000 - 12000 SW  
Abies concolor 8800 NE - 12000 SW  
Pinus aristata 11000 ~~11200~~ 11900  
Salix "alpina" 11000 - 12000  
Potentilla fruticosa - 12100  
Gentiana parryi 11500 + 1200  
Castilleja red 11400  
" yellow 11400 - 12000  
Left horse 11400  
Wyethia (like ampliflora) - 12000  
Fragaria procera at 11500 - 1200  
Potentilla gracilis? - 12000

"  
Gentiana parryi 11000 - 12000  
Achillea - 12200  
Antennaria alpina 11500 - 12200  
Arenaria alpina " " "  
Trifolium 11200 - Top  
Ribes oxycanthoides 11400 - 12000  
Erigeron 11400 - 12200  
Sedum big red 11400 - 12200  
" douglasii? 11400 -  
Polemonium " (dwarf) " - 12200  
Saxifraga? (rosette) 11800 - 12200  
Hemerocallis? small " - 12000  
Delphinium - 11800  
Eubaldia procumbens 11500 - 12200  
Orthocarpus pink 11800 - 12200

<i>Helenium</i> <i>hispidum</i> !	11800 - Top
<i>Straw</i> <i>timberline</i> / 12000 SW.	
<i>Myasotis</i> <i>affinis</i>	12000 - Top
<i>Juniper</i> <i>Rossii</i>	" "
<i>Myrtus</i> <i>sia</i>	" "
<i>Silene</i> <i>acanthis</i>	" "
<i>Cynophorus</i>	" "
<i>Hieracium</i> ? big	" "
<i>Solidago</i>	" "
<i>Phlox</i> <i>douglasii</i>	" "
<i>Polygonum</i> <i>bistorta</i>	12000
<i>Vaccinium</i> <i>microphyllum</i>	11500
back to base	
Park	11150
<i>Populus</i> <i>trunchei</i>	- 11150 <sup>SW</sup>
<i>Juniperus</i> <i>communis</i>	- "
<i>Veratrum</i>	- "
<i>Pseudotsuga</i>	- 10400 <sup>SW</sup>
<i>Padus</i> <i>stewartii</i>	- "
<i>Pinus</i> <i>ponderosa</i>	- 9400 <sup>SW</sup>
<i>Acer</i> <i>globum</i>	- "
<i>Rubus</i> <i>strigosus</i>	- "
<i>Berberis</i> <i>repens</i>	- "
<i>Arctostaphylos</i>	- "
<i>Pinus</i> <i>flexilis</i>	- "
<i>Shepherdia</i>	- "
<i>Salix</i> <i>cordata</i>	- "
<i>Ceanothus</i>	- "
<i>Quercus</i> <i>gambelii</i>	- "
<i>Ribes</i> <i>viscidissimum</i>	- "

<i>Cercocarpus</i>	- 9400 <sup>SW</sup>
<i>Abies</i> <i>concolor</i>	- "
<i>Amelanchier</i>	- "
<i>Picea</i> <i>mariana</i>	- 9000
<i>Alnus</i> <i>incana</i>	
<i>Linnaea</i> <i>borealis</i>	8700 - 9400 <sup>NE</sup>

Spt. 18 Camp 8900

Went up Cimarron Mts.

Valley 8850

*Pinus ponderosa* - 9400<sup>SW</sup>

*Arctostaphylos* *manzanita* - " <sup>SW</sup>

*Populus* *trunchei* - 11000

*Abies* *lasiocarpa* 11700

Sept. 20 Camp 9 8800

~~Rancho~~ - Herberger 8850

Moreno Valley - road 8800

*Bigelovia tortifolia*

" *douglasii*?

" *canescens*?

" *albicans*?

*Gutierrezia*

*Tetradymia*

*Artemisia frigida*

" *trifida*?

" *ledovicianae*

*Eriogonum*

*Geranium*

*Sisyrinchium macrodon*

*Gutierrezia*

*Oxytropis*

*Eurotia*

*Antennaria dioica*

10

Creek in valley 8850

Outlet of valley about 8800

Old camp at Pass 8850

Zaos Pass 9150

First ranch 8850

Saw mill 8700

Junipers S. Mt

Mt pines "

*Populus angustifolia* 8200

Camp 8 miles from Taos 8400

Sept. 21 Camp, 99m 8100

Upper Sonoran pure SW. 7800?

Chadron & N.E. 8100-

Transition N.E. 7500-

Mequedo by creek, 7400

*Forsteria*

*Opuntia arborescens*

" white opened

*Artemisia tridentata* 7300

*Ribes* black 7400

" *cereum*?

Taos 7000

Camp 7700

Plant Name	Elevation (ft)
Sept. 25, Camp 9	7800
Mesa at Hondo Canyon	8000
Hondo Canyon, mouth	7800
<i>Populus angustifolia</i>	7800-8500
<i>Betula occidentalis</i>	7300-7900
<i>Prunus virginiana</i>	8100
<i>Spiraea</i>	8100
<i>Ribes</i> black	7700-8000
" cream	8000
<i>Arceuthobium</i>	8100
<i>Falugia</i>	8000
<i>Philadelphus</i>	"
<i>Cornus</i>	9000
<i>Alnus</i>	9100
<i>Salix cordata</i>	
" <i>nigra</i>	7800
<i>Rosa</i>	8100
<i>Juniperus</i> 2	8100 <sup>SW</sup>
<i>Pinus edulis</i>	"
" <i>ponderosa</i>	7900 <sup>SE</sup> -8500
" <i>flexilis</i> 1 at	7900-9100
<i>Pseudotsuga</i>	7900 <sup>SE</sup> -9100
<i>Abies concolor</i>	" - 9100
<i>Picea pungens</i>	" - "
<i>Quercus gambelii</i>	9100
<i>Ribes strigosum</i>	7900-11500
<i>Acer glabrum</i>	9100
<i>Populus trem.</i>	8000 <sup>SE</sup> -11000
<i>Ribes laevicarpa</i>	8200 <sup>SE</sup> -12000
<i>Pine sp.</i>	"

Location	Altitude
Upper Sonoran	8450
Transition	8000 <sup>SW</sup> - 9100 <sup>SW</sup>
Canadian	8200 <sup>7C</sup> - 11500
<i>Rubus</i> <i>virgatus</i>	7800 - 8100
<i>Ceanothus</i>	"
<i>Arctostaphylos</i>	9100
Thompson	9000 - top
Camp	"
Twining (about 6 to 9600)	9800
Meadow	3 mi. 10700
Horses left	11200
Top of big moraine	11600
Lake	11700
<i>Hedysarum</i> zone	"
<i>Ribes</i> black	11300
" red	"
" blue	10800
Twining -	10000
Cynodactyl	9600
Mouth of canyon	8200
Mesa	8400
Camp 7 P.M.	8200

Oct. 1. Las, 4:30 A.M.

Rio Grande canyon

Atriplex canescens in canyon

Ptelea trifoliata

Betula occidentalis

Tetradymia

Tres Piedres

Oct. 2

Tres Piedres to Santa Fe

Barranca, top of canyon 6900

Embuda, at river - 5800

Santa Clara Pueblo

San Juan Pueblo

San Ildefonso

Santa Fe

Oct. 3 Left Santa Fe 9:30 P.M.

Oct 4, Trinidad, 7:30

La Junta

Pueblo

Canyon City -

7 P.M.

Oct. 5 -

Canyon City, + 1000 ft above -

Bureau gambeli (high up)

Pinus edulis

Juniperus - 2

Greocarpus parvifolius

Rhus aromatica

Populus monilifera

Salix nigra

Vitis

Yucca glauca

Opuntia arborescens

" (bispinosa)

" (white spined)

Cereus

Mammillaria

Bigelovia

"

Penstemon?

Fallugia

Spiraea

Eriogonum 2 sp.

Rhus toxicodendron

Glycerhiza lepidota

Atriplex canescens

Chamaelirium

Ptelea trifoliata

Mentzelia 2

Ribes aureum, a little,

Chenopodium

Phragmites

Celtis

on rocks

Ceanothus  
Sarcobatus

Canyon City Oct 5+6

- Pica hudsonica 475 1
- Cyanocitta 478 1
- Aphelocoma 480 1
- Pipilo megalonyx com.
- Myadestes abu.
- Abtragalinus "
- Merula m. propinqua "
- Sialia arctica 1
- Passer domesticus abu.
- Cyanoccephalus hard

Eutamias

Spermophilus grammurus

Perodipus

Perognathus

Peromyscus

Neotoma

Oct. 7 Canyon City - 8 am

Pueblo,

Denver

Boulder

Gold Hill - 8 P.M.

Gold Hill Oct. 8, 8300

Gal's place 7500

Pinus Ponderosa - 8300+

" murrayana 8000<sup>NE</sup>

Pseudotsuga 7500<sup>NE</sup>

Picea " -

Populus tremuloides " -

" angustifolia - 7500

Acer glabrum - 8000

Betula occidentalis - 7300

Juniperis procera? a few - 7300

Salix

Amelanchier -

Spiraea

Physocarpus

Cercocarpus

Ribes cereum?

" aureum - 7300

Arctostaphylos uva-ursi<sup>7300</sup> - 8300+

Berberis repens - 8300+

Agrostis ferdisi

Alnus

Prunus - 7400

" ~~black~~ - 600

Rosa

July 1, allowance

July 1, expended \$514.89

Salina Oct. 18, 1895-6571

Boulder, Oct 10-11, 5400  
Oct. 11 To Denver  
Pueblo

Oct. 12 to Kansas City  
Oct. 13, to Chicago  
Oct. 14, to Elk River  
Oct.

Myself  
Neotoma

Oct. 7 Canyon City - 8 am  
Pueblo,  
Denver  
Boulder  
Gold Hill - 8 P.M.

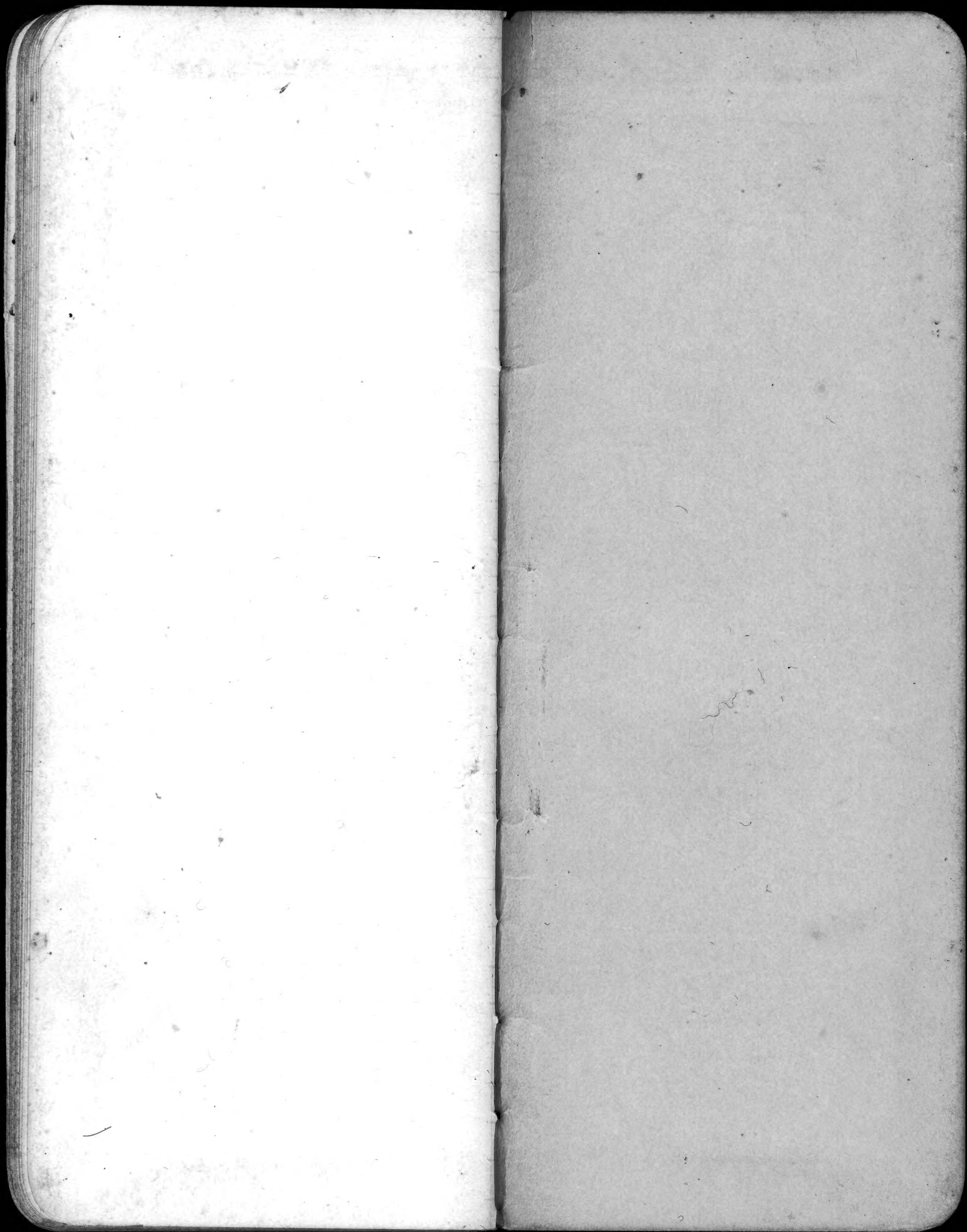
Transportation orders 1903.

Washington & Santa Rosa	49.35
Santa Fe to Pueblo	13.15
Canyon City to Denver	5.75
Denver to Chicago	29.50
Chicago to Washington	17.50
	<hr/> 115.25

Reimbursed

May	\$60.03
June	122.28
July	145.80
Aug.	149.81
Sept.	115.53
Oct.	37.85
	<hr/> 631.30

After July 1, allowance  
After July 1, expended \$514.89



P.B. Otero, Warden

Miguel A. Otero Gov.

Bert Phillips, Taos, N.M.

Frank Staplin, Taos (With Phillips)

Douglas, Ethnologist, Taos.  
artist, Taos.

William Mc Kean, Taos,  
Attorney & surveyor & miner

W.M. Adair - Merchant  
Taos, N.M.

John D. Archuleta,  
Taos, N.M., in his Piedad

Antonio Powers, Taos

Mrs. Nelson, 612 Marion Ave.  
Canyon City, Colo.

Denis Gale, Rowena, Colo.

William Thompson,  
Madison, W. Va., Boone Co.

J.S. Merriam - 209 W 56  
Office 41 Liberty

Dr. Harden 1132, Com. Ave.

Chas. 1204, K.

Roll - 1111, 445, P.O. Ave.

Ellis - 1604 - 13th St

no. 1

Brunton

3289

21 May - color box

Walter H Merriam

417 W 114th

Geo. R. Shaw

Arnold Arboretum,  
Jamaica Plain, Mass.

no

